





plurality of rows or columns basis to scan the  
plurality of rows or columns.

14. An apparatus according to claim 1, wherein an  
5 area of a light-receiving region is equal for both one  
pixel region where said scan circuit is arranged and  
one pixel region where no scan circuit is arranged.

15. An apparatus according to claim 1, wherein an  
10 electric power supply line is arranged on said scan  
circuit.

16. An image pickup apparatus comprising:  
an image pickup region where a plurality of pixels  
15 which include photoelectric conversion units are  
arranged to pick up an object image by dividing the  
object image into a plurality of regions; and  
a common processing circuit arranged between the  
plurality of photoelectric conversion units in said  
20 image pickup region to selectively transfer, to a  
horizontal output line, signals from a vertical output  
line to which signals from a plurality of pixels in a  
vertical direction are read.

17. An apparatus according to claim 16, wherein  
25 said common processing circuit comprises a multiplexer.



provided in front of said image pickup region.

25. An apparatus according to claim 23, further comprising:

- 5           a signal processing circuit adapted to process a  
signal from said image pickup region;  
          a recording circuit adapted to record a signal  
from said signal processing circuit;  
          a display circuit adapted to display the signal  
10       from said signal processing circuit; and  
          a radiation source adapted to generate radiation.

26. An apparatus according to claim 24, further comprising:

- 15           a signal processing circuit adapted to process a  
signal from said image pickup region;  
          a recording circuit adapted to record a signal  
from said signal processing circuit;  
          a display circuit adapted to display the signal  
20       from said signal processing circuit; and  
          a radiation source adapted to generate radiation.

27. An image pickup apparatus comprising:

- an image pickup region where a plurality of pixels  
25       which include photoelectric conversion units are  
arranged to pick up an object image by dividing the  
object image into a plurality of regions; and





said external terminal and said protection circuit are arranged in different pixel regions.

42. An apparatus according to claim 27, wherein  
5 the pixel region where said external terminal is arranged and the pixel region where said protection circuit is arranged are adjacent to each other.

43. An apparatus according to claim 27, wherein  
10 the pixel region where said external terminal is arranged and the pixel region where said protection circuit is arranged are apart from each other.

44. An apparatus according to claim 27, wherein a  
15 protection resistor is interposed between said external terminal and said protection circuit.

45. An apparatus according to claim 27, wherein  
20 external terminals which are connected to a wiring line sandwiched between boundary sides of first and second regions included in the plurality of regions and are arranged in the first region, are not at the same positions in a direction along the boundary sides as external terminals which are connected to another  
25 wiring line sandwiched between the boundary sides and are arranged in the second region.



46. An image pickup apparatus for dividing an object image into a plurality of regions to form one image, wherein external terminals which are connected to a wiring line sandwiched between boundary sides of first and second regions and are arranged in the first region, are not at the same positions in a direction along the boundary sides as external terminals which are connected to another wiring line sandwiched between the boundary sides and are arranged in the second region.

47. An apparatus according to claim 27, further comprising a scintillator plate and a fiber optic plate.

48. An apparatus according to claim 46, further comprising a scintillator plate and a fiber optic plate.

49. An apparatus according to claim 47, further comprising:

a signal processing circuit adapted to process a signal from said image pickup region;

a recording circuit adapted to record a signal from said signal processing circuit;

a display circuit adapted to display the signal from said signal processing circuit; and

a radiation source adapted to generate radiation.

50. An apparatus according to claim 48, further comprising:

5           a signal processing circuit adapted to process a  
signal from said image pickup region;

a recording circuit adapted to record a signal  
from said signal processing circuit;

a display circuit adapted to display the signal  
10 from said signal processing circuit; and  
a radiation source adapted to generate radiation.